

III. Amendments to the Claims

Claim 1 (Original) A substantially homogenous conjugate composed of a synthetic particle attached to the N-terminous of a protein.

Claim 2 (Original) The conjugate of Claim 1 wherein the synthetic particle is a monodisperse synthetic particle.

Claim 3 (Original) The conjugate of Claim 1 wherein the synthetic particle is a monodisperse nanoscale particle.

Claim 4 (Original) The conjugate of Claim 1 wherein the synthetic particle is a dendrimer.

Claim 5 (Original) The conjugate of Claim 1 wherein the synthetic particle is a PAMAM dendrimer.

Claim 6 (Original) The conjugate of Claim 1, 2, 3 or 4 wherein the protein is a four-helical bundle protein.

Claim 7 (Original) The conjugate of Claim 1, 2, 3 or 4 wherein the protein is a cytokine.

Claim 8 (Original) A pharmaceutical composition of the conjugate of Claim 1, 2, 3, 4, 5, 6 or 7.

Claim 9 (Cancelled)

Claim 10 (Original) A method for site specifically attaching a synthetic particle to the N-terminus of a protein, said method comprising the steps of:

- a) converting a ser-terminated protein to an aldehyde;
- b) converting the amine of a synthetic particle to a oxiamine; and
- c) combining said aldehyde ser-terminated protein to said synthetic particle at said oxiamine.

Claim 11 (Currently Amended) The method of Claim ~~9~~ or 10 wherein the synthetic particle is a monodisperse synthetic particle.

Claim 12 (Currently Amended) The method of Claim ~~9~~ or 10 wherein the synthetic particle is a PAMAM dendrimer.

Claim 13 (Currently Amended) The method of Claim ~~9~~ or 10 wherein the synthetic particle is a highly monodisperse nanoscale particle.

Claim 14 (Currently Amended) The method of Claim ~~9~~ or 10 wherein the synthetic particle is a dendrimer.

Claim 15 (Currently Amended) The method of Claim 9, 10, 11, 12, 13 or 14 wherein the protein is a four-helical bundle protein.

Claim 16 (Currently Amended) The method of Claim 9, 10, 11, 12, 13 or 14 wherein the protein is a cytokine.